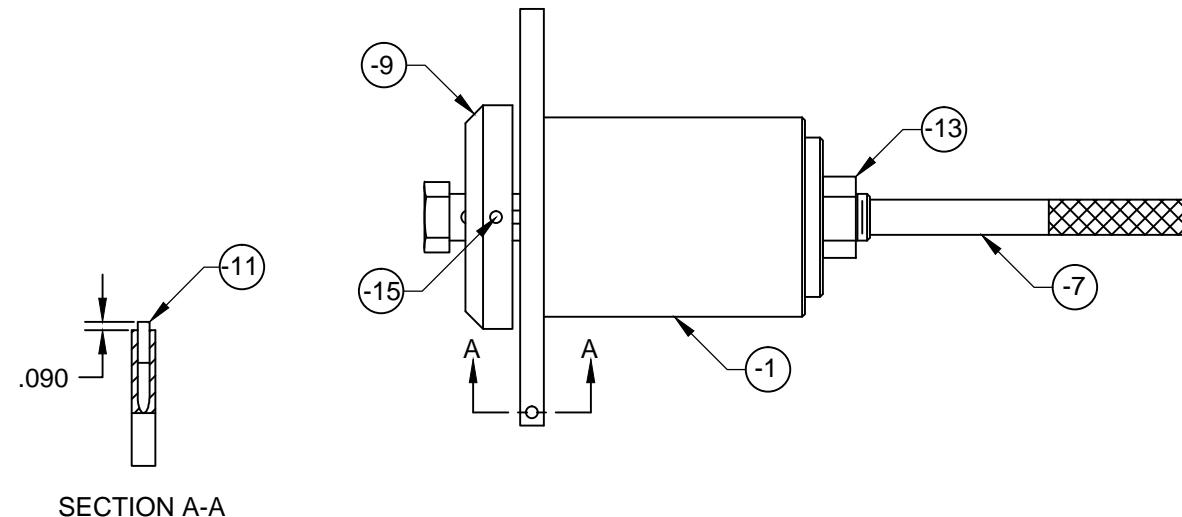


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
A	CH'D BOM -11 FROM $\varnothing 1/8 \times 7/16$, ADDED NOTE REF. BELL #. CORRECTED -1 VIEW ADDED MISSING LINES, MOVED NOTE 2 TO -17 & CORRECTED NOTE 1. CORRECTED -3 VIEW ADDED MISSING LINES. CH'D -9 $\varnothing .125$ HOLE TO LIMIT DIMENSION. ADDED -17 PLATE ASSEMBLY.	5/16/12	RJC SE
1	-1 ADDED REF. DIMS AND NOTES. -3 ADDED $\varnothing 2.120 \pm .002$ -.030 HOLE, CH'D DIMS WAS .250 IS (.250), WAS (.090) IS .090, WAS (.500) IS .500. ADDED SECTION A-A. -5 CH'D DIMS WAS $\varnothing 2.118$ IS $\varnothing 2.118 \pm .002$, WAS 2.964 IS 2.994. DELETED -17. CH'D TOLERANCE ON NON-CRITICAL PARTS.	5/12/14	DPD GE



SECTION A-A

NOTE:

REF. ORIGINAL BELL #212-040-001-19GIF-1.

ASSY QTY ASSY QTY B/O PART # UNIT QTY DESCRIPTION MATERIAL B/O INFORMATION OR SPECIFICATIONS Pg.	-1		1	ADAPTER WELDMENT				
	1	-3		PLATE	A36 PLATE	1/4 x 3-1/16 x 4-1/2		2
	1	-5		ADAPTER	4140 Q&T	$\varnothing 2-1/8 \times 3-1/8$		3
		-7	1	BOLT	STEEL GRD.5	1/2-13 UNC-2A x 8 MCMASTER-CARR #91247A740 (MOD.)		4
		-9	1	SHOE	4140 Q&T	$\varnothing 2-3/8 \times 5/8$		5
	1	B/O -11		DOWEL PIN	18-8 S.S.	$\varnothing 1/8 \times 1/2$ MCMASTER-CARR #90145A471		6
	B/O -13	1		HEX NUT	STEEL	1/2-13 UNC-2B MCMASTER-CARR #95462A033		1
	B/O -15	1		ROLL PIN	STEEL	$\varnothing 1/8 \times 1$ MCMASTER-CARR #98296A883		1
	ASSY -1							

RED BARN MACHINE

TITLE MAIN XSMN BACKLASH TOOL

DWG NO. RBT400313 **REV** 1

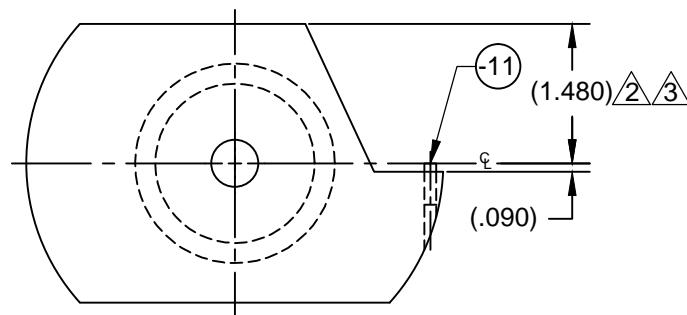
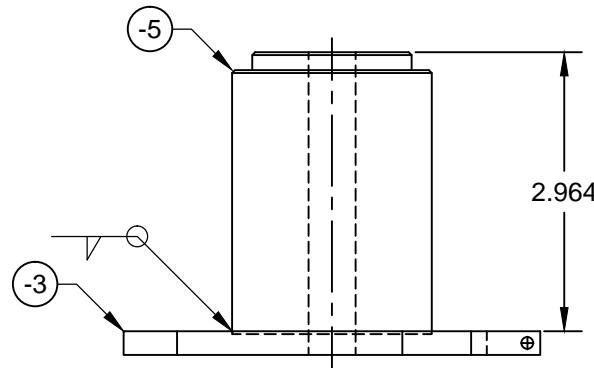
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX $\pm .005$.XX $\pm .01$.X $\pm .1$	DRAWN BY: CLOUGH APPROVED: <i>D. Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL BELL 204, 205, 212	
		FRACTIONS $\pm 1/32$
		ANGLES $\pm .5^\circ$

UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 .015 x 45° PR. .015 R.
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE 1:2 DATE 1-7-11 SHEET 1 of 6

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REV		DESCRIPTION		DATE	INITIAL	APPROVED
A		CORRECTED -1 VIEW ADDED MISSING LINES, MOVED NOTE 2 TO -17 & CORRECTED NOTE 1.		5/16/12	RJC	SE
1		-1 ADDED REF. DIMS AND NOTES.		5/12/14	DPD	GE



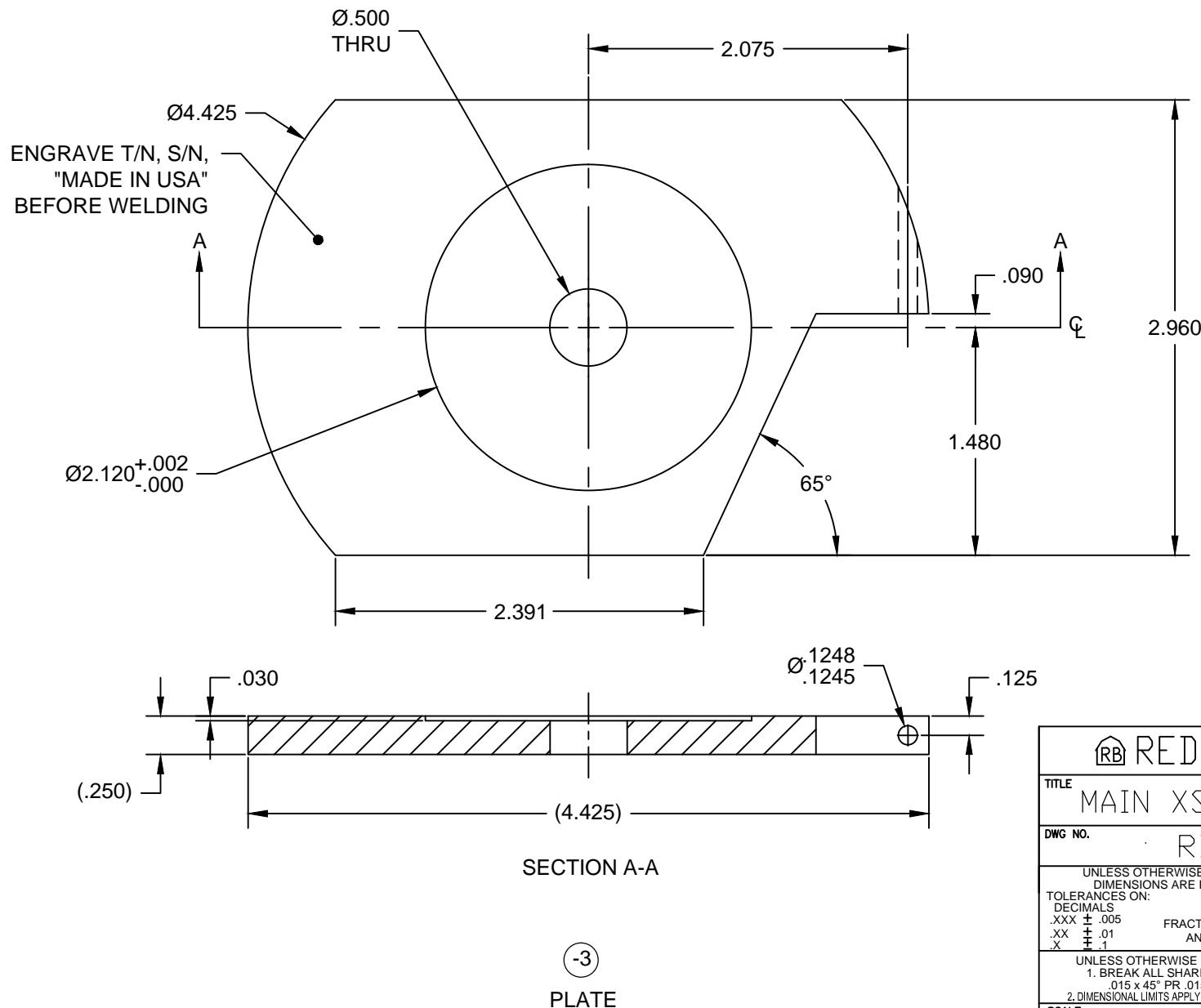
(-1)
ADAPTER WELDMENT

NOTES:
 1. ALIGN -3 TO -5 USING 1/2" HARDWARE.
 2. END OF PIN (-11) MUST BE ON CENTERLINE.
 3. MILL -11 HEIGHT TO MEET .090 AFTER ASSY.

 RED BARN MACHINE	
TITLE	
DWG NO.	RBT400313-1
REV	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: CLOUGH
TOLERANCES ON: DECIMALS .XXX \pm .005	APPROVED <i>D. Weil</i>
.XX \pm .01	HEAT TREAT
.X \pm 1	FINISH BLACK OXIDE
FRACTIONS \pm 1/32	SPEC
ANGLES \pm 5°	USED ON MODEL
	BELL 204, 205, 212
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R.	SCALE 1:2
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	DATE 1-7-11
	SHEET 2 of 6

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

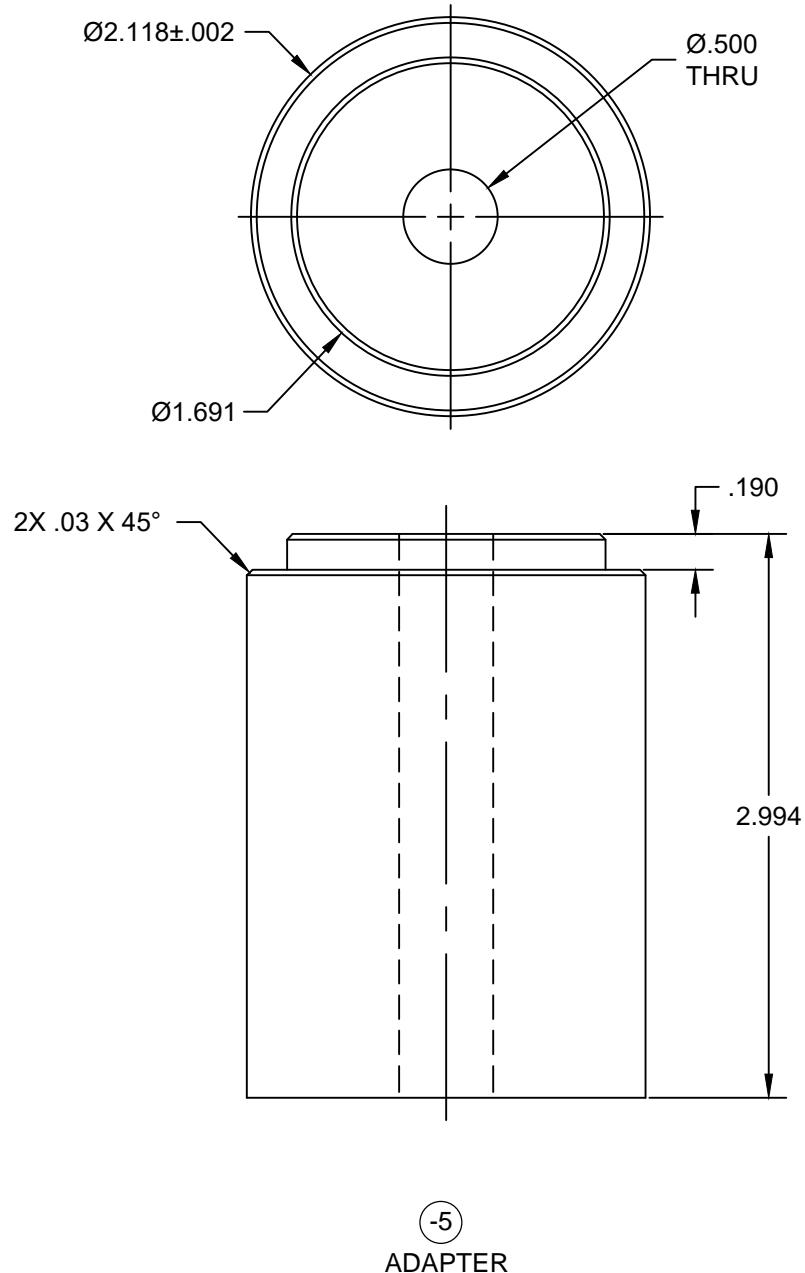
REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED
A	CORRECTED -3 VIEW ADDED MISSING LINES.	5/16/12	RJC SE
1	-3 ADDED Ø2.120+.002-.000 T.030 HOLE, CH'D DIMS WAS .250 IS (.250), WAS (.090) IS .090, WAS Ø.500 IS Ø.500. ADDED SECTION A-A.	5/12/14	DPD GE



RB RED BARN MACHINE	
TITLE MAIN XSMN BACKLASH TOOL	
DWG NO. RBT400313-3 REV 1	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX \pm .005 FRACTIONS \pm 1/32	
.XX \pm .01 ANGLES \pm 5°	
.X \pm 1	
HEAT TREAT	
FINISH SEE -1 WELDMENT	
SPEC	
USED ON MODEL	
BELL 204, 205, 212	
SCALE 1:1	DATE 1-7-11
SHEET 3 of 6	

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

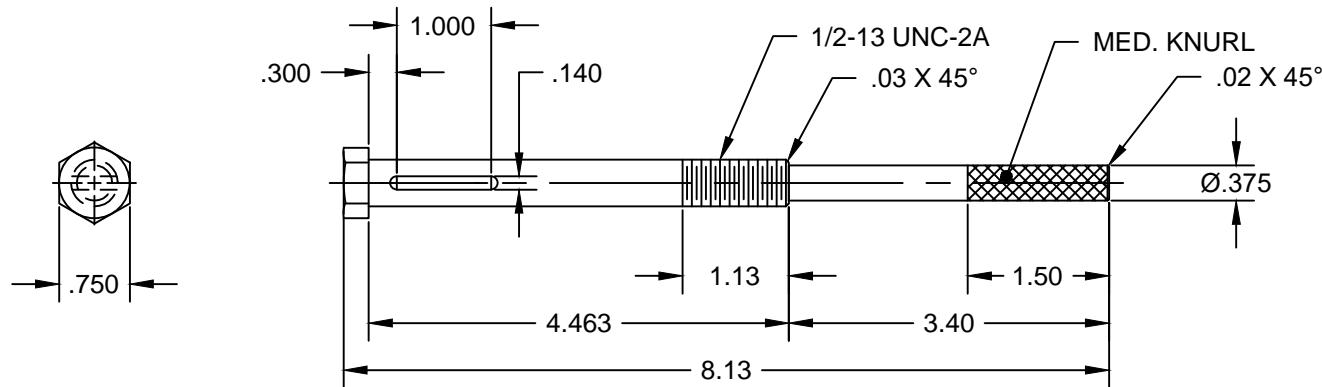
REV		DESCRIPTION		DATE	INITIAL	APPROVED
1		-5 CH'D DIMS WAS $\varnothing 2.118$ IS $\varnothing 2.118 \pm .002$, WAS 2.964 IS 2.994.		5/12/14	DPD	GE



 RED BARN MACHINE	
TITLE	
DWG NO.	RBT400313-5
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: CLOUGH
TOLERANCES ON: DECIMALS .XXX $\pm .005$	APPROVED
.XX $\pm .01$	HEAT TREAT
.X $\pm .1$	FINISH SEE -1 WELDMENT
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R.	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 204, 205, 212
SCALE	1:1
DATE	1-7-11
SHEET	4 of 6

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REV		DESCRIPTION		DATE	INITIAL	APPROVED



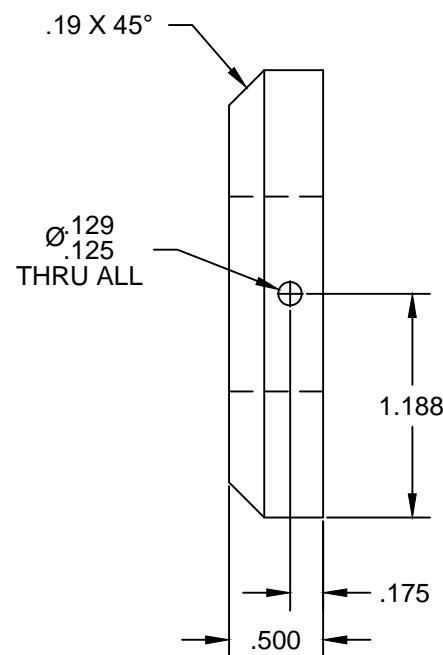
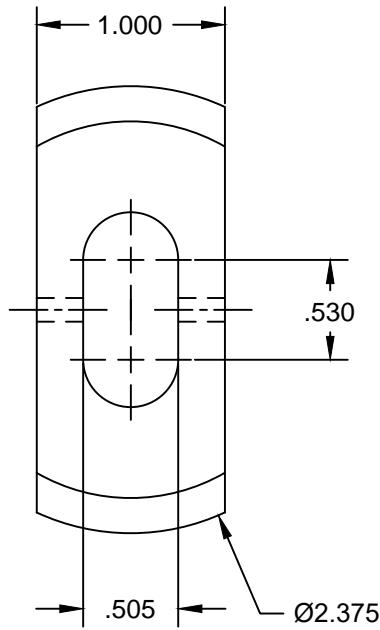
(-7)

BOLT

 RED BARN MACHINE	
TITLE	
TITLE	MAIN XSMN BACKLASH TOOL
DWG NO.	RBT400313-7
REV	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS	
.XXX \pm .005	FRACTIONS \pm 1/32
.XX \pm .01	ANGLES \pm .5°
.X \pm .1	
DRAWN BY: CLOUGH	
APPROVED	
HEAT TREAT	
FINISH	BLACK OXIDE
SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R.	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL	
BELL 204, 205, 212	
SCALE	1:2
DATE	1-7-11
SHEET	5 of 6

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REV		DESCRIPTION		DATE	INITIAL	APPROVED
A		CH'D -9 Ø.125 HOLE TO LIMIT DIMENSION PER G.E.		5/16/12	RJC	GE



(-9)
SHOE

 RED BARN MACHINE	
TITLE	
MAIN XSMN BACKLASH TOOL	
DWG NO.	RBT400313-9
REV	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005	
.XX ± .01	
.X ± .1	
FRACTIONS ± 1/32	
ANGLES ± .5°	
DRAWN BY:	CLDOUGH
APPROVED	<i>D. Weil</i>
HEAT TREAT	
FINISH	BLACK OXIDE
SPEC	
USED ON MODEL	
BELL 204, 205, 212	
SCALE	1:1
DATE	1-7-11
SHEET	6 of 6